

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(("6437502") or ("6633128") or ("3551742") or ("6337539")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/09 15:36
L2	7	("3898720"   "5006755"   "5512798"   "5672936"   "6057635").PN. OR ("6337539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 10:16
L3	4	("3551742").URPN.	USPAT	OR	ON	2006/03/09 10:26
L31	1073	(313/623,255).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 10:43
L32	224	31 and (spiral\$4 helix\$5 coil\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:44
L33	198	32 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:45
L34	6	("5144192"   "5729085"   "5751104").PN. OR ("6020682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 11:16
L35	1	("20040207326").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:44
L36	1949	(313/634,493).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:44
L37	224	31 and (spiral\$4 helix hexical\$4 coil\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:45
L38	483	36 and (spiral\$4 helix hexical\$4 coil\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:45
L39	433	38 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:45
L40	399	39 not 33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 12:46
L41	19	("2778462"   "3764844"   "3886396"   "3898495"   "3953761"   "4503360"   "4694215"   "4797594"   "5128590"   "5150965"   "5220236"   "5331168"   "5341068"   "5361017").PN. OR ("5675215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 13:10
L42	16	("1746024"   "2554584"   "2743388"   "3297863").PN. OR ("3764844").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 13:12

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L43	37	("2171359"   "3833833"   "4029984"   "4099096"   "4558400"   "4625152"   "4750096"   "4767193"   "4816719"   "4839564"   "4934768"   "4937487"   "5032765"   "5093698"   "5103133"   "5191259"   "5216324"   "5220249"   "5317169"   "5387837"   "5424560"   "5457312"   "5457565"   "5502626"   "5514934"   "5668443"   "5801483"   "5850122"   "6135620"   "6201352"   "6211612"   "6310436"   "6337543"   "D334242"   "D334990").PN. OR ("6515433").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/09 13:49
L44	691	(313/623).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 13:49
L45	495	44 not 33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:49
L46	495	45 not 40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:50
L47	277	46 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:50
L48	87	47 and (fluorescent phosphor\$7 photo\$luminescent lumines\$5 luminophor\$3 lumino\$4 electroluminescence electroluminescent luminescent phosphorescent fluorophor)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/09 13:51
L49	1	("3764844").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/09 15:40
L50	1	("6437502").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/09 17:13
S1	3132	(313/483-494).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 13:23
S2	2169	S1 and (phosphor\$7 photo\$luminescent lumines\$5 luminophor\$3 lumino\$4 EL electroluminescence electroluminescent luminescent phosphorescent)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:59
S3	1844	S2 and (cathode electrode anode wire)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00
S4	1167	S3 and (mercury Hg)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00

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S5	286	S4 and (hermetic\$5 air\$tight hermetically)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00
S6	42	S5 and ((mercury Hg) same amalgam)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:40
S7	244	S5 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:29
S8	4	("5731659").URPN.	USPAT	OR	ON	2005/09/27 13:38
S9	98	S4 and (spiral\$4 twist)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:40
S10	31	S9 and ((mercury Hg) same amalgam)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:48
S11	2027	(phosphor\$7 photo\$luminescent lumines\$5 luminophor\$3 lumino\$4 EL electroluminescence electroluminescent luminescent phosphorescent) and (cathode electrode anode wire) and (mercury Hg)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:14
S12	96	S11 and (hermetic\$5 air\$tight hermetically)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:46
S13	1	S12 and spiral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:47
S14	3	S12 and amalgam	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:47
S15	141	S1 and spiral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 13:48
S16	1	("4298822").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 13:56
S17	135	S1 and (coaxial\$4 co\$axial co\$axially)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:25

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S18	93	S17 and (mercury Hg)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:30
S19	6	S1 and spiral.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:31
S20	81	S1 and (spiral\$4 and wire)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:37
S21	3	("6064155").URPN.	USPAT	OR	ON	2005/09/27 14:33
S22	18	("2405518"   "2406146"   "2501376"   "2555749"   "3043983"   "3247415"   "3258630"   "3646383"   "4839555"   "5041762").PN. OR ("5708324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 14:43
S23	39	(313/522).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 14:47
S24	1269	(313/315,316).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 14:47
S25	26	S24 and (mercury Hg)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 14:50
S26	76	(313/608).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 14:58
S27	244	(313/571).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 14:58
S28	1563170	(phosphor\$7 photo\$luminescent lumines\$5 luminophor\$3 lumino\$4 EL electroluminescence electroluminescent luminescent phosphorescent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 15:00
S29	28348	S28 and (hermetic\$5 air\$tight hermetically)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00
S30	15036	S29 and (cathode electrode anode wire)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00
S31	9066	S30 and light	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:00
S32	2346	S31 and (mercury Hg)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:01

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S33	376	S32 and ((mercury Hg) same liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:08
S34	59357	("313").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 16:18
S35	127	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:06
S36	15	S35 and spiral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:03
S37	3	"01202112"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:03
S38	1	"01202112.7"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:03
S39	112	S35 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:06
S40	175	S32 and ((mercury Hg) with liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:08
S41	70	S40 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:14
S42	1	("6437502").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/27 15:14
S43	19	(US-20020050781-\$ or US-20040145318-\$).did. or (US-4794301-\$ or US-5731659-\$ or US-6867536-\$ or US-5705883-\$ or US-5751104-\$ or US-6064155-\$ or US-6437502-\$ or US-6452326-\$ or US-6633128-\$ or US-6935137-\$ or US-2015037-\$ or US-1832413-\$ or US-3551742-\$ or US-4015162-\$ or US-4145634-\$ or US-5739633-\$ or US-6337539-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/27 15:16
S44	1	S43 and spiral.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 15:17
S45	296	(313/274).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 16:15

## EAST Search History

S46	0	S45 and (phosphor\$7 photo\$luminescent lumines\$5 luminophor\$3 lumino\$4 EL electroluminescence electroluminescent luminescent phosphorescent)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:17
S47	0	S34 and ((gas mercury Hg) and spiral\$4)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:18
S48	0	S34 and (gas mercury Hg)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:18
S49	10756	S34 and lamp	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:18
S50	0	S34 and (gas or mercury or Hg)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:19
S51	0	S34 and light	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 16:19
S52	59357	("313").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/09/27 16:22
S53	10756	S52 and lamp	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:23
S54	16118	S52 and (gas mercury Hg)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:40
S55	778	S54 and spiral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:23
S56	447	S55 and (spiral\$4 same (lamp tube))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:24
S57	154	S56 and phosphor\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:25
S58	81	S57 and wire	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:31
S59	4	(("20050088076") or ("5128590") or ("5220236") or ("5751104")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/27 16:31
S60	3618	S54 and (wire same (lamp tube discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:40

## EAST Search History

S61	154	S56 and phosphor\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/27 16:41
S62	73	S61 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/28 10:12
S63	5	("5705883").URPN.	USPAT	OR	ON	2005/09/27 16:42
S64	1	("20040100183").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 10:17
S65	1	("6437502").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 10:53
S66	1	("6337539").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 10:53
S67	3	(("6437502") or ("6633128") or ("3551742")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/07 16:43